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ABSTRACT

Currently, networks are used within most enterprises to allow for sharing of resources such as printers and to allow for central server features to be available such as backup operations, shared files, and internal email. With the introduction of the third generation of wireless communication networks in which a mobile station can have an always on capability, private networks can now be established between mobile stations. In these implementations, the mobile stations each have a Home Location Registration (HLR) and a unique Internet Protocol (IP) address. The mobile stations within a private network are listed within a table stored in the intelligent peripheral by their HLRs. The intelligent peripheral regulates the flow of data units within the wireless network by determining if the sender of a packet and the intended recipient are within the same private network.

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